

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 1843.0120001/EKS/AJK		APPLICATION NO. 10/809,790		
			OCT 21 2004 PATENT AND TRADEMARK OFFICE U.S.		APPLICANT(S) Zauderer et al.		
			FILING DATE March 26, 2004		ART UNIT 1646 (644)		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>MD</i>	AAI	5,635,363	06/03/1997	Altman et al.			02/28/1995
<i>MD</i>	ABI	6,015,884	01/18/2000	Schneck et al.			03/28/1997
<i>MD</i>	ACI	6,248,564	06/19/2001	Walter et al.			08/29/1997
<i>MD</i>	ADI	2002/0051783	05/02/2002	Savage			06/08/2001
<i>MD</i>	AEI	2002/0123108	09/05/2002	Edwards et al.			12/01/1995
<i>MD</i>	AFI	2002/0155447	10/24/2002	Zauderer et al.			04/04/2001
<i>MD</i>	AGI	6,548,067	04/15/2003	Seeman et al.			06/02/1995
<i>MD</i>	AHI	2003/0166277	09/04/2003	Zauderer et al.			04/12/2001
<i>MD</i>	AII	6,682,741	01/27/2004	Ribaudo et al.			03/19/2001
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>MD</i>	ALI	WO 94/25610	11/10/1994	WIPO			Yes
<i>MD</i>	AMI	WO 99/64597	12/16/1999	WIPO			No
<i>MD</i>	ANI	GB 2 339 782	02/09/2000	Great Britain			Yes
<i>MD</i>	AOI	WO 01/44296	06/21/2001	WIPO			No
<i>MD</i>	API	WO 04/029206	04/08/2004	WIPO			Yes
							No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>MD</i>	AR	<u>1</u>	Altman, J.D., et al., "Phenotypic Analysis of Antigen-Specific T Lymphocytes," <i>Science</i> 274:94-96, American Association for the Advancement of Science (1996)				
<i>MD</i>	AS	<u>1</u>	Bedzyk, W.D., et al., "Immunological and Structural Characterization of a High Affinity Anti-fluorescein Single-Chain Antibody," <i>J. Biol. Chem.</i> 265:18615-18620, American Society for Biochemistry and Molecular Biology, Inc. (1990)				
<i>MD</i>	AT	<u>1</u>	Boniface, J.J., et al., "Initiation of Signal Transduction through the T Cell Receptor Requires the Peptide Multivalent Engagement of MHC Ligands," <i>Immunity</i> 9:459-466, Cell Press (1998)				
EXAMINER	<i>Marie R.</i>				DATE CONSIDERED <i>5/19/05</i>		
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1646-1644U.S. PATENT DOCUMENTS

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	AN						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MW</i>	AR	2	Burrows, G.G., <i>et al.</i> , "Two-Domain MHC Class II Molecules Form Stable Complexes with Myelin Basic Protein 69-89 Peptide That Detect and Inhibit Rat Encephalitogenic T Cells and Treat Experimental Autoimmune Encephalomyelitis," <i>J. Immunol.</i> 161: 5987-5996, American Association of Immunologists (1998)
<i>MW</i>	AS	2	Casares, S., <i>et al.</i> , "Antigen-specific Signaling by a Soluble, Dimeric Peptide/Major Histocompatibility Complex Class II/Fc Chimera Leading to T Helper Cell Type 2 Differentiation," <i>J. Exp. Med.</i> 190:543-553, Rockefeller University Press (1999)
<i>MW</i>	AT	2	Cochran, J.R., <i>et al.</i> , "The Relationship of MHC-Peptide Binding and T Cell Activation Probed Using Chemically Defined MHC Class II Oligomers," <i>Immunity</i> 12:241-250, Cell Press (2000)

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	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>MD</i>	AR	<u>3</u>	Dal Porto, J., et al., "A Soluble divalent class I major histocompatibility complex molecule inhibits alloreactive T cells at nanomolar concentrations," <i>Proc. Natl. Acad. Sci. USA</i> 90:6671-6675, National Academy of Sciences (1993)				
<i>MD</i>	AS	<u>3</u>	Glick, M., et al., "Novel CD8 ⁺ T Cell Antagonists Based on β_2 -Microglobulin," <i>J. Biol. Chem.</i> 277:20840-20846, American Society for Biochemistry and Molecular Biology, Inc. (June 2002)				
<i>MD</i>	AT	<u>3</u>	Greten, T.F., et al., "Direct visualization of antigen-specific T cells: HTLV-1 Tax11-19-specific CD8 ⁺ T cells are activated in peripheral blood and accumulate in cerebrospinal fluid from HAM/TSP patients," <i>Proc. Natl. Acad. Sci. USA</i> 95:7568-7573, National Academy of Sciences (1998)				
EXAMINER <i>Ormanina R</i>					DATE CONSIDERED <i>5/19/07</i>		
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<i>MD</i>	AR	4	Hamad, A.R.A., et al., "Potent T Cell Activation with Dimeric Peptide-Major Histocompatibility Complex Class II Ligand: The Role of CD4 Coreceptor," <i>J. Exp. Med.</i> 188:1633-1640, Rockefeller University Press (1998)				
<i>NW</i>	AS	4	Hebert, A.M., et al., "Kinetics and Thermodynamics of β 2-Microglobulin Binding to the α 3 Domain of Major Histocompatibility Complex Class I Heavy Chain," <i>Biochem.</i> 40:5233-5242, American Chemical Society (2001)				
<i>DMR</i>	AT	4	Hochman, J.H., et al., "Specific Associations of Fluorescent β -2-Microglobulin with Cell Surfaces. The Affinity of Different H-2 and HLA Antigens for β -2-Microglobulin," <i>J. Immunol.</i> 140:2322-2329, American Association of Immunologists (1988)				
EXAMINER <i>Omari R</i>					DATE CONSIDERED <i>5/19/08</i>		
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MJ	AR	5	Morrison, S.L., et al., "Production and Characterization of Genetically Engineered Antibody Molecules," <i>Clin. Chem.</i> 34:1668-1675, American Association For Clinical Chemistry (1988)				
MJ	AS	5	Mottez, E., et al., "Cells Expressing a Major Histocompatibility Complex Class I Molecule with a Single Covalently Bound Peptide Are Highly Immunogenic," <i>J. Exp. Med.</i> 181:493-502, Rockefeller University Press (1995)				
MJ	AT	5	Parham, P., et al., "Carbohydrate Moiety of HLA Antigens. Antigenic Properties and Amino Acid Sequences Around the Site of Glycosylation," <i>J. Biol. Chem.</i> 252:7555-7567, American Society for Biochemistry and Molecular Biology, Inc. (1977)				
EXAMINER <i>Marvin R.</i>				DATE CONSIDERED <i>5/19/05</i>			
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<i>MJ</i>	AR	<u>6</u>	Parker, K.C., and Strominger, J.L., "Subunit Interactions of Class I Histocompatibility Antigens," <i>Biochem.</i> 24:5543-5550, American Chemical Society (1985)				
<i>MJP</i>	AS	<u>6</u>	Penichet, M.L., <i>et al.</i> , "An Antibody-Avidin Fusion Protein Specific for the Transferrin Receptor Serves as a Delivery Vehicle for Effective Brain Targeting: Initial Applications in Anti-HIV Antisense Drug Delivery to the Brain," <i>J. Immunol.</i> 163:4421-4426, American Association of Immunologists (1993)				
<i>WV</i>	AT	<u>6</u>	Salter, R.D., <i>et al.</i> , "A binding site for the T-cell co-receptor CD8 on the α_3 domain of HLA-A2," <i>Nature</i> 345:41-46, Nature Publishing Group (1990)				
EXAMINER <i>orraine r</i>				DATE CONSIDERED <i>5/19/05</i>			
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<i>MJ</i>	AR	7	Schmitt, L., <i>et al.</i> , "Catalysis of peptide dissociation from class II MHC-peptide complexes," <i>Proc. Natl. Acad. Sci. USA.</i> 96:6581-6586, National Academy of Sciences (1999)				
<i>MJ</i>	AS	7	Shin, S-U., and Morrison, S.L., "Production and Properties of Chimeric Antibody Molecules," <i>Methods Enzymol.</i> 178:459-476, Academic Press (1989)				
<i>MJ</i>	AT	7	Shin, S-U., <i>et al.</i> , "Functional and Pharmacokinetic Properties of Antibody-Avidin Fusion Proteins," <i>J. Immunol.</i> 158:4797-4804, American Association of Immunologists (1997)				
EXAMINER <i>dmurine</i>					DATE CONSIDERED <i>5/19/05</i>		
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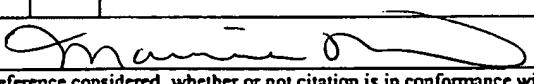
<i>MJ</i>	AR	<u>8</u>	Sidney, J. et al., "Practical, biochemical and evolutionary implications of the discovery of HLA class I supermotifs," <i>Immunol. Today</i> 17:261-266, Elsevier Science (1996)
<i>MJ</i>	AS	<u>8</u>	Sidney, J., et al., "Majority of Peptides Binding HLA-A*0201 With High Affinity Crossreact With Other A2-Supertype Molecules," <i>Hum. Immunol.</i> 62:1200-1216, Elsevier/North-Holland (2001)
<i>RW</i>	AT	<u>8</u>	Springer, T.A., and Strominger, J.L., "Detergent-soluble HLA antigens contain a hydrophilic region at the COOH-terminus and a penultimate hydrophobic region," <i>Proc. Natl. Acad. Sci. USA</i> 73:2481-2485, National Academy of Sciences (1976)

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<i>W</i>	AR	9	Turner, M.J., et al., "Purification of Papain-solubilized Histocompatibility Antigens from a Cultured Human Lymphoblastoid Line, RPMI 4265," <i>J. Biol. Chem.</i> 250:4512-4519, American Society for Biochemistry and Molecular Biology, Inc. (1975)				
<i>MD</i>	AS	9	Whitman, M.C., et al., "The isolated major histocompatibility complex class I α 3 domain binds β 2m and CD8aa dimers," <i>Mol. Immunol.</i> 37:141-149, Pergamon Press (2000)				
<i>WV</i>	AT	9	Zarutskie, J.A., et al., "A Conformational Change in the Human Major Histocompatibility Complex Protein HLA-DR1 Induced by Peptide Binding," <i>Biochem.</i> 38:5878-5887, American Chemical Society (1999)				
EXAMINER <i>Omari</i>				DATE CONSIDERED <i>5/19/05</i>			
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MD	AR	<u>10</u>	U.S. Patent Application No. 10/887,230, Zauderer, M., filed July 9, 2004 (NOT PUBLISHED)				
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